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# MVP Dagen 2019

NextGen IT-Pro: Automatisasjon og optimalisering i Microsoft 365 og Azure

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## Automation accounts og runbooks

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# AUTOMATION ACCOUNTS

- Kjør PowerShell skript i skyen!
- Kontroller servere
  - Oppdateringer
  - DSC
  - Change tracking



## Process Automation

Orchestrate processes using graphical, PowerShell, and Python runbooks



## Configuration Management

Collect inventory  
Track changes  
Configure desired state



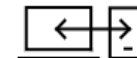
## Update Management

Assess compliance  
Schedule update installation



## Shared capabilities

Role based access control  
Secure, global store for variables, credentials, certificates, connections  
Flexible scheduling  
Shared modules  
Source control support  
Auditing  
Tags



## Heterogenous

Windows & Linux  
Azure and on-premises

# RUNBOOKS

- Kjører PowerShell eller Python kode
- Kan lages grafisk
- Kjører kode i Azure eller i kombinasjon med on-prem
- Kan holdes oppdatert mot GitHub eller Azure Repos

# DEN ENKLE MÅTEN

Home > All resources > demoAutomation - Credentials

## demoAutomation - Credentials

Automation Account

Search (Ctrl+/)

+ Add a credential Refresh

| NAME        |
|-------------|
| globalAdmin |

**globalAdmin**  
Credential

Save Discard Delete

Name  
globalAdmin

Last modified  
8/19/2019, 10:48 AM

Description

\* User name  
admin@M365x677847.onmicrosoft.com

\* Password  
.....

\* Confirm password  
.....

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems

### Configuration Management

- Inventory
- Change tracking
- State configuration (DSC)

### Update management

- Update management

### Process Automation

- Runbooks
- Jobs
- Runbooks gallery
- Hybrid worker groups
- Watcher tasks

### Shared Resources

- Schedules
- Modules
- Modules gallery
- Python 2 packages
- Credentials

Home > All resources > demoAutomation - Runbooks

## getAADUsers-classic (demoAu

Runbook

Search (Ctrl+/)

Overview

- Activity log
- Tags
- Diagnose and solve problems

### Resources

- Jobs
- Schedules
- Webhooks

### Runbook settings

- Properties
- Description
- Logging and tracing

### Settings

- Locks
- Export template

### Support + troubleshooting

- New support request

## View Published Source

getAADUsers-classic

```
1 $creds = Get-AutomationPSCredential -Name 'globalAdmin'
2 Connect-AzureAD -Credential $creds
3 Get-AzureADUser | Select-Object DisplayName,UserPrincipalName
```

# DEN ORDENTLIGE MÅTEN

The screenshot displays the Microsoft Azure portal interface. The breadcrumb navigation at the top indicates the path: Home > demoAutomation - Run as accounts > demoAutomation - Connections > Contoso - App registrations > Contoso - Roles and administrators > Directory readers - Assignments. The left-hand navigation pane is open, showing various management options. The main content area is titled 'View Published Source' for the runbook 'getAADUsers-runAs'. It displays the following PowerShell script:

```
1 $runAsConnection = Get-AutomationConnection -Name "AzureRunAsConnection"
2 Connect-AzureAD -TenantId $runAsConnection.TenantId -ApplicationId $runAsConnection.ApplicationId
3 Get-AzureADUser | Select-Object DisplayName, UserPrincipalName
```

The interface also shows a 'Resources' section with links to Jobs, Schedules, and Webhooks, and a 'Runbook settings' section with links to Properties, Description, and Logging and tracing. The bottom of the screen shows the 'Settings' section.

# DEMO

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# Tusen Takk for meg!

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